RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____10/666, 095 A_____

Source: _____IFW16_____

Date Processed by STIC: _____12/28/2005_____

ENTERED

IFW16

RAW SEQUENCE LISTING   DATE: 12/28/2005
PATENT APPLICATION: US/10/666,095A   TIME: 13:16:39

Input Set : **A:\Hammer 0212-1 on 12-19-05.txt**
Output Set: **N:\CRF4\12282005\J666095A.raw**

```
 3 <110> APPLICANT: Hammer, Robert P.
 4       Fu, Yanwen
 5       Aucoin, Jed P.
 6       Miller, Tod J.
 7       McLaughlin, Mark L.
 8       McCarley, Robin L.
10 <120> TITLE OF INVENTION: Anti-fibril Peptides
12 <130> FILE REFERENCE: 0212.1 Hammer
14 <140> CURRENT APPLICATION NUMBER: 10/666,095A
15 <141> CURRENT FILING DATE: 2003-09-18
17 <150> PRIOR APPLICATION NUMBER: 60/412,081
18 <151> PRIOR FILING DATE: 2002-09-19
20 <160> NUMBER OF SEQ ID NOS: 17
22 <170> SOFTWARE: PatentIn version 3.2, WordPerfect 10
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 5
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
31 Lys Leu Val Phe Phe
32 1               5
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 4
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapiens
40 <400> SEQUENCE: 2
42 Lys Leu Val Phe
43 1
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 6
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 3
53 Lys Leu Val Phe Phe Ala
54 1               5
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 12
59 <212> TYPE: PRT
60 <213> ORGANISM: artificial sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
64       NO: 3, which is in turn derived from Homo sapiens.
67 <220> FEATURE:
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  68 <221> NAME/KEY: MISC_FEATURE
  69 <222> LOCATION: (2)..(2)
  70 <223> OTHER INFORMATION: X in position 2 is C-alpha,alpha-diisobutylglycine.
  72 <220> FEATURE:
  73 <221> NAME/KEY: MISC_FEATURE
  74 <222> LOCATION: (4)..(4)
  75 <223> OTHER INFORMATION: X in position 4 is C-alpha,alpha-dibenzylglycine.
  77 <220> FEATURE:
  78 <221> NAME/KEY: MISC_FEATURE
  79 <222> LOCATION: (6)..(6)
  80 <223> OTHER INFORMATION: X in position 6 is C-alpha,alpha-dipropylglycine.
  82 <220> FEATURE:
  83 <221> NAME/KEY: MISC_FEATURE
  84 <222> LOCATION: (12)..(12)
  85 <223> OTHER INFORMATION: The Lys in position twelve is in amide form.
  87 <400> SEQUENCE: 4
W--> 89 Lys Xaa Val Xaa Phe Xaa Lys Lys Lys Lys Lys Lys
  90 1               5                   10
  93 <210> SEQ ID NO: 5
  94 <211> LENGTH: 12
  95 <212> TYPE: PRT
  96 <213> ORGANISM: artificial sequence
  98 <220> FEATURE:
  99 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
 100         NO: 3, which is in turn derived from Homo sapiens.
 103 <220> FEATURE:
 104 <221> NAME/KEY: misc_feature
 105 <222> LOCATION: (8)..(8)
 106 <223> OTHER INFORMATION: Xaa in position eight denotes C-alpha,alpha-
diisobutylglycine.
 108 <220> FEATURE:
 109 <221> NAME/KEY: misc_feature
 110 <222> LOCATION: (10)..(10)
 111 <223> OTHER INFORMATION: Xaa in position ten denotes C-alpha,alpha-dibenzylglycine.
 113 <220> FEATURE:
 114 <221> NAME/KEY: misc_feature
 115 <222> LOCATION: (12)..(12)
 116 <223> OTHER INFORMATION: Xaa in position twelve denotes C-alpha,alpha-dipropylglycine
 117         amide.
 119 <400> SEQUENCE: 5
W--> 121 Lys Lys Lys Lys Lys Lys Lys Xaa Val Xaa Phe Xaa
 122 1               5                   10
 125 <210> SEQ ID NO: 6
 126 <211> LENGTH: 7
 127 <212> TYPE: PRT
 128 <213> ORGANISM: Artificial sequence
 130 <220> FEATURE:
 131 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
 132         NO: 3, which is in turn derived from Homo sapiens.
 135 <220> FEATURE:
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Output Set: N:\CRF4\12282005\J666095A.raw

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      136 <221> NAME/KEY: misc_feature
      137 <222> LOCATION: (2)..(2)
      138 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
      140 <220> FEATURE:
      141 <221> NAME/KEY: misc_feature
      142 <222> LOCATION: (4)..(4)
      143 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
      145 <220> FEATURE:
      146 <221> NAME/KEY: misc_feature
      147 <222> LOCATION: (6)..(6)
      148 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dipropylglycine.
      150 <220> FEATURE:
      151 <221> NAME/KEY: misc_feature
      152 <222> LOCATION: (7)..(7)
      153 <223> OTHER INFORMATION: Lys in position seven is in amide form.
      155 <400> SEQUENCE: 6
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      158 1                   5
      161 <210> SEQ ID NO: 7
      162 <211> LENGTH: 6
      163 <212> TYPE: PRT
      164 <213> ORGANISM: Artificial sequence
      166 <220> FEATURE:
      167 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
      168       NO: 3, which is in turn derived from Homo sapiens.
      171 <220> FEATURE:
      172 <221> NAME/KEY: misc_feature
      173 <222> LOCATION: (2)..(2)
      174 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
      176 <220> FEATURE:
      177 <221> NAME/KEY: misc_feature
      178 <222> LOCATION: (4)..(4)
      179 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
      181 <220> FEATURE:
      182 <221> NAME/KEY: misc_feature
      183 <222> LOCATION: (6)..(6)
      184 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dibenzylglycine
amide.
      186 <400> SEQUENCE: 7
W--> 188 Lys Xaa Val Xaa Phe Xaa
      189 1                   5
      192 <210> SEQ ID NO: 8
      193 <211> LENGTH: 8
      194 <212> TYPE: PRT
      195 <213> ORGANISM: Artificial sequence
      197 <220> FEATURE:
      198 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
      199       NO: 3, which is in turn derived from Homo sapiens.
      202 <220> FEATURE:
      203 <221> NAME/KEY: misc_feature
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      204 <222> LOCATION: (2)..(2)
      205 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-dipropylglycine.
      207 <220> FEATURE:
      208 <221> NAME/KEY: misc_feature
      209 <222> LOCATION: (4)..(4)
      210 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dipropylglycine.
      212 <220> FEATURE:
      213 <221> NAME/KEY: misc_feature
      214 <222> LOCATION: (6)..(6)
      215 <223> OTHER INFORMATION: Xaa in position six denotes C-alpha,alpha-dipropylglycine.
      217 <220> FEATURE:
      218 <221> NAME/KEY: misc_feature
      219 <222> LOCATION: (8)..(8)
      220 <223> OTHER INFORMATION: Glu in position 8 is in amide form.
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      225 1               5
      228 <210> SEQ ID NO: 9
      229 <211> LENGTH: 5
      230 <212> TYPE: PRT
      231 <213> ORGANISM: Homo sapiens
      233 <400> SEQUENCE: 9
      235 Phe Leu Val His Ser
      236 1               5
      239 <210> SEQ ID NO: 10
      240 <211> LENGTH: 5
      241 <212> TYPE: PRT
      242 <213> ORGANISM: Homo sapiens
      244 <400> SEQUENCE: 10
      246 Asn Phe Leu Val His
      247 1               5
      250 <210> SEQ ID NO: 11
      251 <211> LENGTH: 6
      252 <212> TYPE: PRT
      253 <213> ORGANISM: Homo sapiens
      255 <400> SEQUENCE: 11
      257 Asn Phe Gly Ala Ile Leu
      258 1               5
      261 <210> SEQ ID NO: 12
      262 <211> LENGTH: 9
      263 <212> TYPE: PRT
      264 <213> ORGANISM: Homo sapiens
      266 <400> SEQUENCE: 12
      268 Val Gly Gly Ala Val Val Thr Gly Val
      269 1               5
      272 <210> SEQ ID NO: 13
      273 <211> LENGTH: 14
      274 <212> TYPE: PRT
      275 <213> ORGANISM: Homo sapiens
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280 1               5                    10
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284 <211> LENGTH: 6
285 <212> TYPE: PRT
286 <213> ORGANISM: Homo sapiens
288 <400> SEQUENCE: 14
290 Leu Ala Asn Phe Leu Val
291 1               5
294 <210> SEQ ID NO: 15
295 <211> LENGTH: 6
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 15
301 Phe Leu Val His Ser Ser
302 1               5
305 <210> SEQ ID NO: 16
306 <211> LENGTH: 4
307 <212> TYPE: PRT
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 16
312 Ala Gly Asp Val
313 1
316 <210> SEQ ID NO: 17
317 <211> LENGTH: 6
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Designed peptide. This is an engineered modification of SEQ
ID
323       NO: 3, which is in turn derived from Homo sapiens.
326 <220> FEATURE:
327 <221> NAME/KEY: misc_feature
328 <222> LOCATION: (2)..(2)
329 <223> OTHER INFORMATION: Xaa in position two denotes C-alpha,alpha-diisobutylglycine.
331 <220> FEATURE:
332 <221> NAME/KEY: misc_feature
333 <222> LOCATION: (4)..(4)
334 <223> OTHER INFORMATION: Xaa in position four denotes C-alpha,alpha-dibenzylglycine.
336 <220> FEATURE:
337 <221> NAME/KEY: misc_feature
338 <222> LOCATION: (6)..(6)
339 <223> OTHER INFORMATION: Lys in position six is in amide form.
341 <400> SEQUENCE: 17
W--> 343 Lys Xaa Val Xaa Phe Lys
344 1               5
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/28/2005
PATENT APPLICATION: US/10/666,095A   TIME: 13:16:40

Input Set : **A:\Hammer 0212-1 on 12-19-05.txt**
Output Set: **N:\CRF4\12282005\J666095A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 2,4,6
Seq#:5; Xaa Pos. 8,10,12
Seq#:6; Xaa Pos. 2,4,6
Seq#:7; Xaa Pos. 2,4,6
Seq#:8; Xaa Pos. 2,4,6
Seq#:17; Xaa Pos. 2,4

VERIFICATION SUMMARY   DATE: 12/28/2005
PATENT APPLICATION: **US/10/666,095A**   TIME: 13:16:40

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L:89  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
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